

T.E.I. Ionian Islands
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CURRICULUM VITAE

A D A M A N T I A A . K A M P I O T I

PRESENT POSITION

2012- today TEI Ionian Islands Zakynthos, GR

- Assistant professor in of Dept. of Technology of Environment.

EDUCATION

1988–1992 University of Crete Heraklion, GR

- B.Sc. in Chemistry, Department of Chemistry

1994-2000 University of Crete Heraklion, GR

- Doctoral Studies in Environmental Chemistry. Title of the doctoral dissertation: “Disinfection of drinking water of coastal areas: Study of by-products formation and occurrence and chemical interpretation”, defended on June, 2000.

EXPERIENCE

Research Experience

1991-2001 University of Crete Heraklion, GR

- Research rotation in Environmental Analytical Chemistry: “Determination of non-ionic surfactants in several environmental samples”
- Diploma thesis in Environmental Analytical Chemistry: “Determination of octyl phenol ethoxylates and their brominated derivatives in marine samples by high resolution Gas Chromatography and FID, ECD and MS detectors.”
- Research Assistant several research programmes at Environmental Chemical Processes Laboratory (ECPL)

06- 11/1993 EAWAG Zürich, CH

- Training placement supported by E.C.'s COMMET Program in Swiss Federal Institute for Water Resources and Water Pollution Control (EAWAG). 1) Determination of heavy by Atomic Absorption and GC-MS spectroscopy, 2) Sampling of sediments in lake Biel and determination of their content in Fluorescence Whitening Agents (FWA) by HPLC chromatography.

10/1996 TECHNION Haifa, IL

- Research Grant supported by DGXII (E.C.) AVICENNA Program in Israel Institute of Technology (TECHNION, Environmental and Waste Resources Engineering). (Analysis of TOX in drinking waters, Familiarized with techniques of preparation and use of chlorine dioxide, Assistance to the TECHNION team in analyzing chlorate and chlorite with Ion Chromatography).

08/2001- 05/2003 CID-CSIC Barcelona, ES
■ Post-doctoral researcher at the Department of Environmental Chemistry at the Institute of Chemical and Environmental Research (CSIC). Activities: “I) MICA. II)WARP.”

09/2003 – 12/2005 UP-LBEET Patras, GR
■ Post-doctoral researcher at the Laboratory of Biochemical Engineering and Environmental Technology (LBEET) at the department of Chemical Engineering of the University of Patras. Activities: “I) BIOWASTE and . II)INNOCUOUS.

03/ 2007 –06/2008 T.E.I. Ionian Islands Zakynthos, GR
■ Research Assistant in INTERREG III A “TRIANet: Rete di Centriservizi per ilturismoruraleintegratoalternativo».

11/ 2011 –12/2012 T.E.I. Ionian Islands Zakynthos, GR
■ Research Assistant in ESPA- Enhancing the Technological Institute of Ionian Islands as an international center for Education and Innovation ", Action: Quality of natural water and wastewater management in fragile island ecosystems.

7/ 2017 –12/2019 T.E.I. Ionian Islands Zakynthos, GR
■ Principal Investigator in ESPA-“Ionian Islands 2014-2020”, Action: “Zante currants: Beneficial properties, new products development and by products utilization in order to create added-value” (MIS 5006880)

7/ 2017 –12/2019 T.E.I. Ionian Islands Zakynthos, GR
■ Member of the main research team ESPA- “Ionian Islands 2014-2020”, Action: “Probing the Bioactive and Health Protective Compounds of Ionian Islands’ Olive Oil” (MIS 5005497)

Teaching Experience

- Teaching assistant in General Chemistry, Analytical, Inorganic and Environmental Chemistry Laboratories, University of Crete.
- Teaching assistant at the Courses of General, Analytical, Environmental, Computational and Atmospheric Chemistry, University of Crete.
- Research responsible for the Diploma Thesis of 3 undergraduate students from University of Crete, Greece.
- Research responsible for the PhD Thesis of 2 graduate students in University of Patras, Greece.
- Educational Fellow in Department of Environmental Technologies of T.E.I. Ionian Islands from 2004- 2013. Teaching among others: General Chemistry, Environmental Chemistry, Air Pollution - Air Pollutants Treatment Technology, Water and Soil Pollution, Potable Water Processing, Environmental Quality Monitoring Methods, etc.

PARTICIPATION IN PROGRAMMES

- AVICENNA “Disinfection of drinking water and treated domestic waste water by chlorine and chlorine dioxide”, EU Project AV12-CT93-092, Principal Investigator, 01/1995- 12/1997.
- ANACAD “Analysis and fate of concrete admixtures in wastewaters”, EU Project ENV4-CT97-0474, Research technician, 01/1998- 09/1998.
- “Disinfection by-products of drinking water in Heraklion with respect to their precursors (Total Organic Carbon and Bromide)”, Greek Ministry of Environment, Principal Investigator, 10/1998- 12/1999.
- MICA “Molecular Imprinting techniques for efficient methods in Chemical Analysis”, EU Network Project (ERB4061PL970310).
- WARP “Preparation of a CRM: Pesticides in Water Feasibility Study”, EU Programme (Growth/ 001/1056), 10/01- 09/2003.
- INNOCUOUS “Innovation in the process of cork production for elimination of odours responsible for cork taint”, EU Network Project, Fifth Framework Programme ‘Quality of Life and Management of Living Resources’, 2003- 2005.
- BIOWASTE “Bioprocessing of sewage sludge for safe recycling on agricultural land”, EU Programme, 2003- 2005.
- INTERREG III A “TRIAnet: Rete di Centriservizi per ilturismoruraleintegratoalternativo, 03/2007- 06/2008.
- ESPA- Enhancing the Technological Institute of Ionian Islands as an international center for Education and Innovation ", Action: Quality of natural water and wastewater management in fragile island ecosystems, 01/11/2011 to 31/10/2012.
- ESPA-“Ionian Islands 2014-2020”, Action: “Zante currants: Beneficial properties, new products development and by products utilization in order to create added-value” (MIS 5006880)
- ESPA- “Ionian Islands 2014-2020”, Action: “Probing the Bioactive and Health Protective Compounds of Ionian Islands’ Olive Oil” (MIS 5005497)

PUBLICATIONS

Publications in peer-review journals: 7

Citations: >200 (July 2017)

h-factor: 6

- A.A. Kampioti and E.G. Stephanou. (1999). Simultaneous determination of halogenated neutral and acidic disinfection by-products in drinking water by closed-loop-stripping extraction and capillary gas chromatography. *Journal of Chromatography A*, 85, 217-229.
- A.A. Kampioti and E. G. Stephanou. (2001). The impact of bromide on the formation of neutral and acidic disinfection by-products (DBPs) in Mediterranean chlorinated drinking water. *Water Research*, 36, 2596- 2606.
- A.A. Kampioti, Ana C. Borba da Cunha, M. Lopez de Alda and D. Barcelo. (2005). “Fully automated multianalyte determination of different classes of pesticides (acidic, triazines, phenyureas, anilines, organophosphates, molinate and propanil) at

pictogram per liter levels in water by on-line solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry”, *Anal. Bioanal. Chem.*, 382, 1815-1825.

- M. Fountoulakis, C. Pakou, P. Drillia, A.A. Kampioti, K. Stamatelatou and G. Lyberatos. (2005) “Analysis of Nonylphenol and NonylphenolEthoxylates in sewage sludge by HPLC following Microwave-Assisted Extraction”, *Journal of Chromatography A*, 1089 (1-2), 45-51.
- P. Vlachos, A.A. Kampioti, M. Kornaros and G. Lyberatos. (2007) “Development and evaluation of alternative processes for sterilization and deodorization of cork barks and natural cork stoppers”, accepted on *European Food Res. & Technology*, 225 (5-6), 653-663.
- C. Pakou, M. Fountoulakis, P. Drillia, A.A. Kampioti, K. Stamatelatou and G. Lyberatos. (2007) “Occurrence and fate of Polycyclic Aromatic Hydrocarbons in sewage treatment plants using Microwave-Assisted Extraction followed by Liquid Chromatography coupled with Fluorescence detector”, *Fresenius Environmental Bulletin*, 16(2), 1-6.
- P. Vlachos, A.A. Kampioti, M. Kornaros and G. Lyberatos. (2007) “Matrix effect during the application of a rapid method using HS-SPME followed by GC–ECD for the analysis of 2,4,6-TCA in wine and cork soaks”, *Food Chemistry*, available on line from 18 January 2007

Books

- Damia Barcelo, Mira Petrovic, Ethel Eljarra, Maria Jose Lopez de Alda, and Adamantia Kampioti, (2004). In *Chromatography: Environmental analysis*, Chapter 21, E. Heftmann, ed., 6th edition, *Journal of Chromatography Library*, Vol. 69B, Amsterdam, Elsevier Science.
- P. Vlachos, A. Kampioti, M. Kornaros and G. Lyberatos, (2007), In: *Advances on Bioprocessing in Food Industries: Development and evaluation of alternative processes for sterilization and deodorization of natural cork stoppers*, ASIA Tech PUBLISHERS, New Dehli.

Notes for courses

- A.Kampioti & E. Stephanou, 2004. Notes “Introduction in chemistry of disinfection by-products” for post-graduate courses: “Science and environmental engineering” & “Public health”
- A.Kampioti, 2006. Notes for the graduate course: “Pollution of water and soil”.

Participation in conferences

National Conferences (with review): 5

International Conferences (with review): 9

Abstracts in Conferences: 17

